
Shifting Device for Transmitting Shift Commands to a Motor Vehicle Transmission

Patent Claims:

1. A shifting device (1) for transmitting shift commands to a motor vehicle transmission, with:
 - a housing (2) and/or a frame,
 - a selector lever (4), which transmits shift commands to the transmission,
 - a hand knob (3), which forms a gripping surface for engagement by a hand of a driver of the motor vehicle,
 - a switch (5a),whereby said shifting device (1) is provided for installation in a motor vehicle, and a shifting gate is pushed over said selector lever (4) preferably after installation of said shifting device (1), **characterized in that** an adapter (7) mounted at said selector lever (4) is provided for said hand knob (3) with said integrated switch (5a), which forms a connection point between said selector lever (4) and said hand knob (3).
2. A shifting device in accordance with the above claim 1, **characterized in that** said integrated switch (5a) is suitable for transmitting electrical and/or optical signals.
3. A shifting device in accordance with one of the above claims 1 and 2, **characterized in that** said adapter (7) has a switch interface (10) for a connection cable.
4. A shifting device in accordance with one of the above claims 1 through 3, **characterized in that** said adapter (7) has at least one said recess (8a), in which said lines (6), which are used for transmitting electrical and/or optical signals, can be laid.
5. A shifting device in accordance with one of the above claims 1 through 4, **characterized in that** said adapter has a switch display part (5).
6. A shifting device in accordance with one of the above claims 1 through 4, **characterized in that** said hand knob (3) has a switch display part (5).
7. A shifting device in accordance with one of the above claims 1 through 6, **characterized in that** said adapter (7) has at least one said guide element (9) for positioning said hand knob (3).
8. A shifting device in accordance with one of the above claims 1 through 7, **characterized in that** said adapter (7) has a boring, into which said selector lever (4) can be at least partially inserted.
9. A shifting device in accordance with one of the above claims 1 through 8, **characterized in that** said adapter (7) has a screwable connection for fastening at said selector lever (4).

10. A shifting device in accordance with one of the above claims 1 through 8, **characterized in that** said adapter (7) has a clippable connection for fastening at said selector lever (4).
11. A shifting device in accordance with one of the above claims 1 through 8, **characterized in that** said adapter (7) has a plastic molding, which is injection-molded on the selector lever in the injection molding process.